

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2005/000294

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G11B27/034 H04N5/92

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G11B H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|----------|--|-----------------------|
| X        | US 2003/046638 A1 (THOMPSON KERRY A)<br>6 March 2003 (2003-03-06)<br>figure 6<br>paragraph '0036!<br>paragraph '0041! - paragraph '0044!                                     | 1-12                  |
| A        | PATENT ABSTRACTS OF JAPAN<br>vol. 2003, no. 12,<br>5 December 2003 (2003-12-05)<br>& JP 2003 324689 A (ALPINE ELECTRONICS<br>INC), 14 November 2003 (2003-11-14)<br>abstract | 1-12                  |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|----------|--|-----------------------|
| A        | PATENT ABSTRACTS OF JAPAN<br>vol. 2000, no. 09,<br>13 October 2000 (2000-10-13)<br>& JP 2000 165819 A (ALPINE ELECTRONICS<br>INC), 16 June 2000 (2000-06-16)<br>abstract | 1-12                  |
| A        | EP 0 788 105 A (MATSUSHITA ELECTRIC IND CO<br>LTD) 6 August 1997 (1997-08-06)<br>the whole document  | 1-12                  |
| A        | PATENT ABSTRACTS OF JAPAN<br>vol. 1996, no. 06,<br>28 June 1996 (1996-06-28)<br>& JP 08 032887 A (TOSHIBA CORP),<br>2 February 1996 (1996-02-02)<br>abstract             | 1-12                  |
| A        | US 5 825 727 A (HAN SEOG YEON)<br>20 October 1998 (1998-10-20)<br>figure 3   | 1-12                  |
| A        | EP 0 798 719 A (PIONEER ELECTRONIC CORP)<br>1 October 1997 (1997-10-01)<br>the whole document  | 1-12                  |
| A        | PATENT ABSTRACTS OF JAPAN<br>vol. 2003, no. 09,<br>3 September 2003 (2003-09-03)<br>& JP 2003 134471 A (FUNAI ELECTRIC CO<br>LTD), 9 May 2003 (2003-05-09)<br>abstract   | 1-12                  |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/FR2005/000294

| Patent document cited in search report |    | Publication date |  | Patent family member(s)  |  | Publication date   |
|--|----|------------------|--|--|--|--|
| US 2003046638                          | A1 | 06-03-2003       | CN<br>WO   | 1575599 A<br>03021956 A2   |  | 02-02-2005<br>13-03-2003   |
| JP 2003324689                          | A  | 14-11-2003       | NONE   |  |  |  |
| JP 2000165819                          | A  | 16-06-2000       | NONE   |  |  |  |
| EP 0788105                             | A  | 06-08-1997       | DE<br>DE<br>EP<br>CN<br>CN<br>WO<br>JP<br>JP<br>JP<br>TW<br>TW<br>US | 69604772 D1<br>69604772 T2<br>0788105 A1<br>1492401 A<br>1164924 A ,C<br>9707510 A1<br>3210286 B2<br>10336568 A<br>2797033 B2<br>424238 B<br>463158 B<br>5915067 A |  | 25-11-1999<br>06-04-2000<br>06-08-1997<br>28-04-2004<br>12-11-1997<br>27-02-1997<br>17-09-2001<br>18-12-1998<br>17-09-1998<br>01-03-2001<br>11-11-2001<br>22-06-1999 |
| JP 08032887                            | A  | 02-02-1996       | NONE   |  |  |  |
| US 5825727                             | A  | 20-10-1998       | KR   | 192514 B1  |  | 15-06-1999   |
| EP 0798719                             | A  | 01-10-1997       | JP<br>JP<br>DE<br>DE<br>EP<br>EP<br>US                               | 3550459 B2<br>9270187 A<br>69710800 D1<br>69710800 T2<br>1164591 A2<br>0798719 A2<br>6049654 A   |  | 04-08-2004<br>14-10-1997<br>11-04-2002<br>17-10-2002<br>19-12-2001<br>01-10-1997<br>11-04-2000   |
| JP 2003134471                          | A  | 09-05-2003       | NONE   |  |  |  |